



PROJECT NUMBER

323666

BORING ID:

17C075

Sheet 1 of 1

SOIL BORING LOG

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling

LOCATION: Secondary Source Area

ELEVATION: 150.47

NORTHING: 2162286.41

EASTING: 6743939.56

DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

DRILLING METHOD AND EQUIPMENT USED: Sonic Direct Push - Power Probe 9630

WATER LEVELS: 10 ft bgs

START: 6/28/2005 12:45:00 PM

END:

LOGGER: B. Moayyad

DEPTH BGS (ft)			STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:	COMMENTS:
	INTERVAL (ft)	TYPE-# <small>SS-Split Spoon ST-ShelbyTube</small>			
	RECOVERY				
			6-6-6 (in) (N)	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
0	0-5	2.5/ 4.0'		SM - SILTY SAND (SM), brown, dry, medium density	PID = 0.0
1				-	
2				-	
3				-	
4				-	
5	5-14	2.8/ 4.0'		GW - WELL GRADED GRAVEL WITH SAND AND SILT (GW), light reddish	PID = 0.0
6				- brown, dry to moist, medium density, gravel up to 2 in.	
7				- long, ~30% sand, ~15% fines	
8				-	
9				-	
10		2.2/ 4.0'		GW - Same as above, becomes less sand, below 9 ft (~20% sand, 5%	PID = 0.0
11				- fines), and saturated by 11 ft	
12				-	
13				-	
14	14-18	1.8/ 4.0'		SM - SILTY SAND WITH GRAVEL (SM), mottled gray and brown, wet,	13:20 Collect 17C075HP10 from 10-15 ft. Water
15				- dense, ~55% sand, ~30% fines, 15% gravel	level at 12 ft bgs. PID = 0.0 (soil and water)
16				-	
17				-	
18	18-20	0.5/ 2.0'		GM - SILTY GRAVEL WITH SAND (GM), mottled gray and brown, moist,	
19				- ~45% gravel, 25% sand, 30% fines	
20				GM - Refusal at 20 ft bgs	
21				-	